

Master in Artificial Intelligence



Collaboration I





Purpose

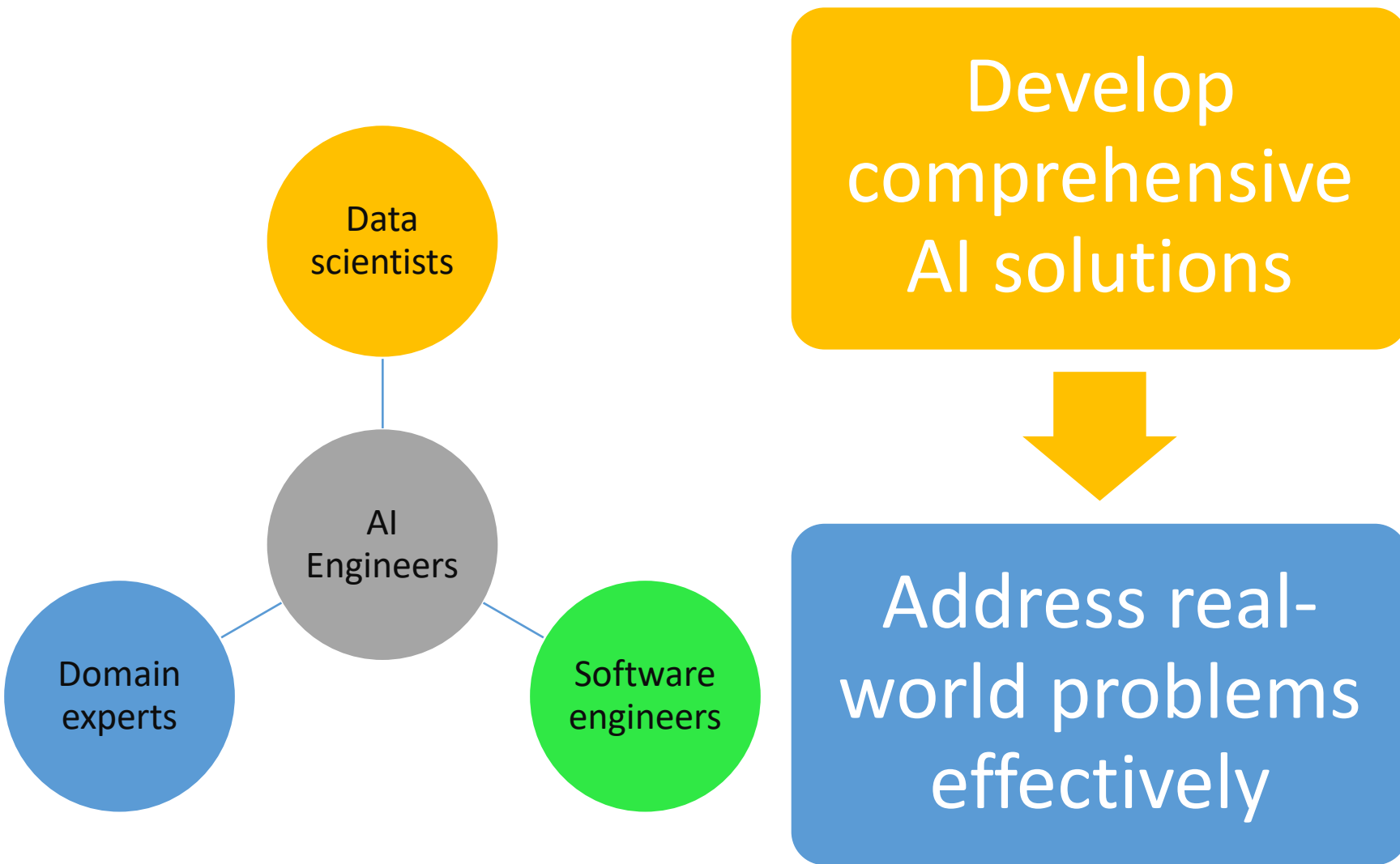
The purpose of the section is to help you learn how to collaborate with data scientists, software engineers, and domain experts to become a Successful Artificial Intelligence (AI) Engineer

At the end of this lecture, you will learn the following

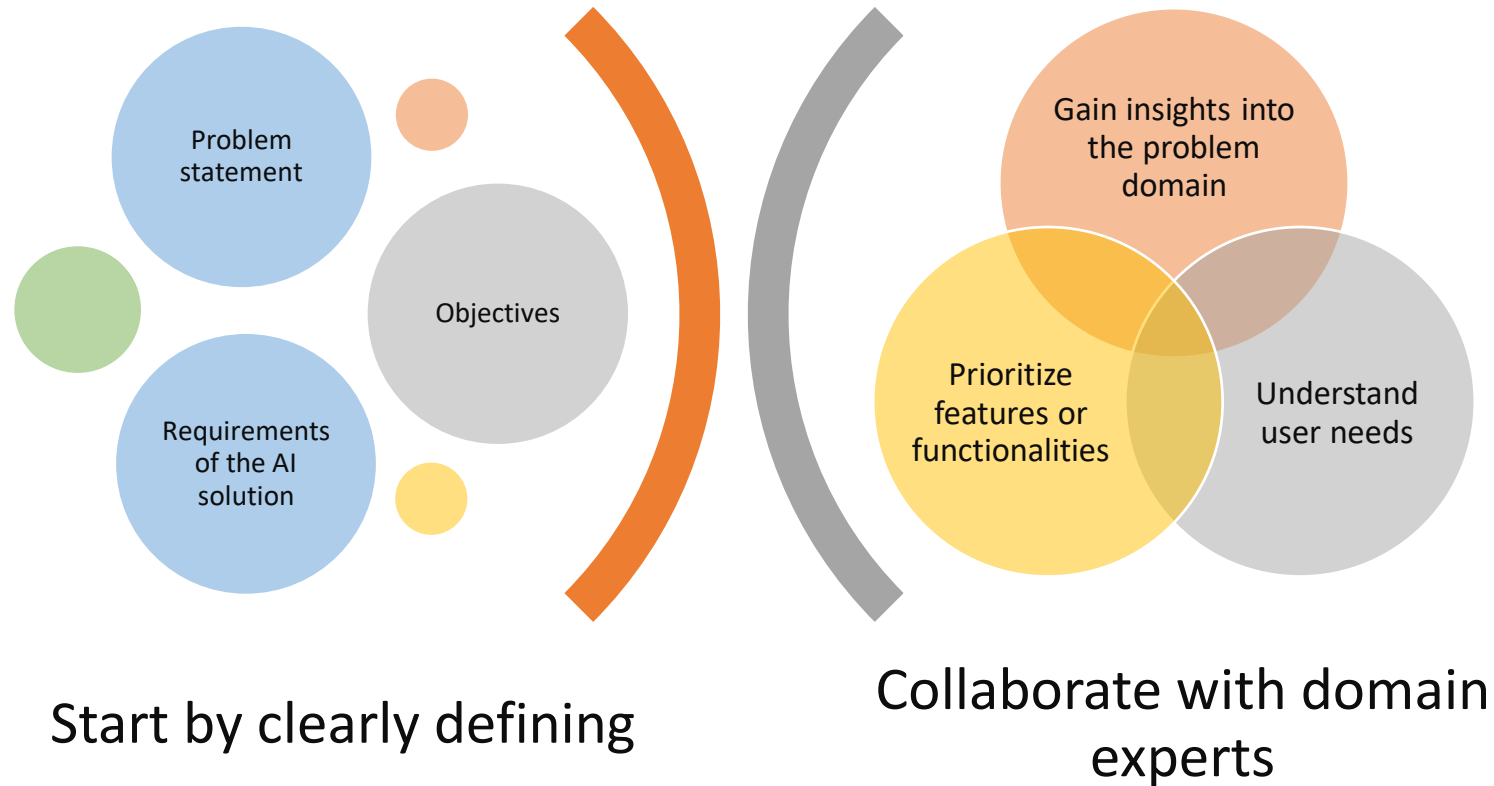
- **How to collaborate with data scientists, software engineers, and domain experts to develop comprehensive AI solutions that address real-world problems effectively**



How to collaborate with data scientists, software engineers, and domain experts



Define Clear Objectives and Requirements



Cross-Functional Team Formation

Form a diverse,
skilled team for
project success.

A cross-functional team
consisting of data
scientists, software
engineers, domain experts,
and other relevant
stakeholders

EXPERT TEAM
ASSEMBLY



Regular Communication and Collaboration

Regular Collaboration Meetings are Essential

To foster collaboration and innovation, it is crucial to schedule regular meetings, stand-ups, or workshops. These gatherings allow teams to discuss progress, address challenges, and brainstorm new ideas effectively.



Shared Understanding of Data



Collaborate with data scientists and domain experts to gather, preprocess, and analyze relevant data

Safeguarding Data: Addressing Quality, Integrity, and Privacy



Data Lifecycle: Ensuring Quality, Integrity, and Privacy

Throughout the data lifecycle, it's crucial to maintain data quality, integrity, and privacy to uphold trust, compliance, and security.



Iterative Development Process



Adopt Agile and Scrum for Development Success!



**BREAK DOWN THE AI SOLUTION
INTO MANAGEABLE TASKS OR
USER STORIES AND PRIORITIZE
THEM BASED ON VALUE AND
FEASIBILITY**

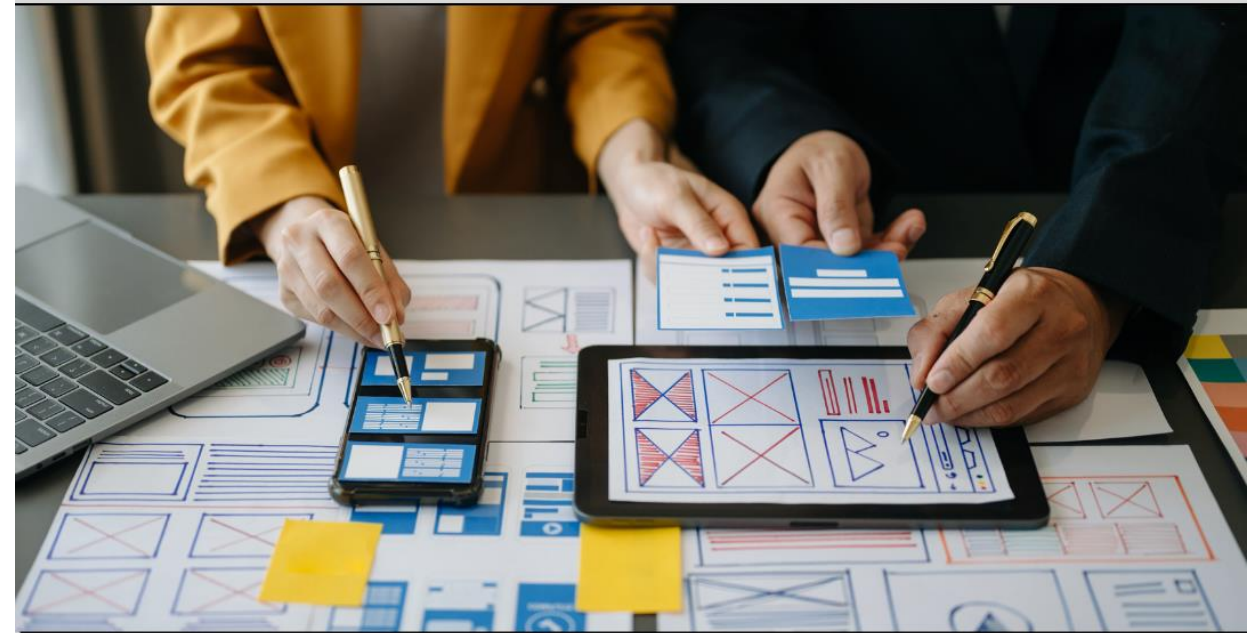
Prototyping and Experimentation



INNOVATIVE SOLUTIONS

Encourage data scientists to prototype and experiment with different algorithms, models, and techniques

Prototype Iteration and Feedback Loop

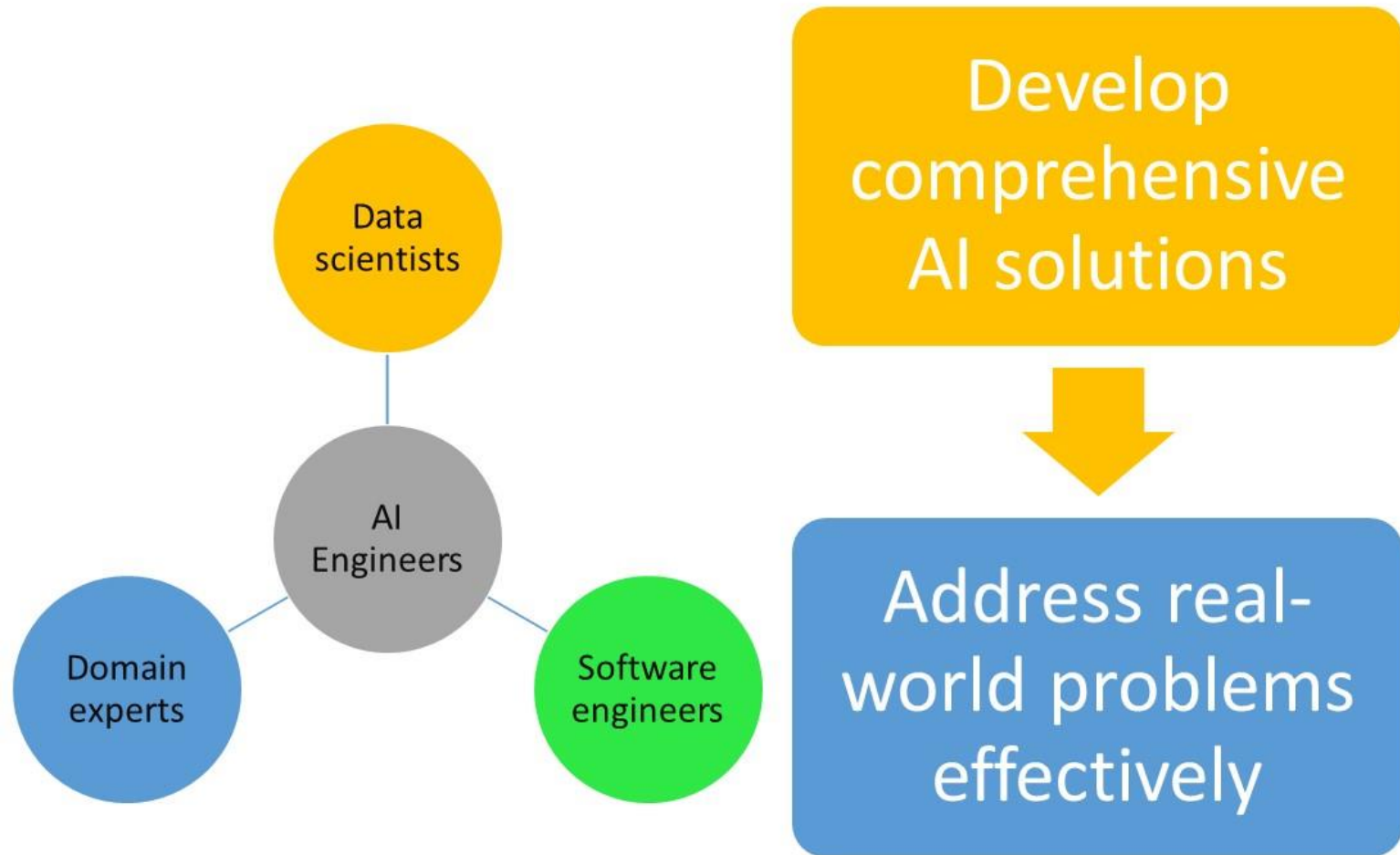


Iterate on prototypes based on feedback from domain experts and end-users



What is next?

How to collaborate with data scientists, software engineers, and domain experts



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*Thank
you*



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